State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-21-126

Relating to Certification of New Heavy-Duty Motor Vehicle Engines
CUMMINS ENGINE COMPANY, INC.

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Cummins Engine Company, Inc. 1995 model diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Diesel

			Exhaust Emission Control
Engine Family	<u>Liters</u>	(Cubic Inches)	Systems and Special Features
SCE661EJDARW (353A)	10.8	(661)	Powertrain Control Module Turbocharger Charge Air Cooler

Engine models and codes are listed on attachments.

The certification exhaust emission standards and, in accordance with the manufacturer's particulates averaging program, the particulates emission limit for this engine family in grams per brake horsepower-hour are:

Total	Carbon	Nitrogen	Emission	Particulates Averaging Value	Family
Hydrocarbons	Mono <u>xide</u>	Oxides_	Standard		Limit
1.3	15.5	5.0	0.10	0.10	0.09

The certification exhaust emission values for this engine family in grams per brake horsepower-hour are:

Engine	Total	Carbon	Nitrogen	<u>Particulates</u>
Famil <u>y</u>	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	
SCE661EJDARW (353A)	0.2	1.3	4.2	0.06

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

BE IT FURTHER RESOLVED: That these engines are included in a diesel heavy-duty particulates averaging program as permitted in the "California Exhaust Emission Standards for 1985 and Subsequent Model Heavy-Duty Engines and Vehicles, amended July 12, 1991", referenced section 86.091-11(a)(1)(iv)(c).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this _

day of December, 1994.

R. B Summerfield
Assistant Division Chief
Mobile Source Division

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1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL-STANDARD ENGINES

Manufacturer	Cummine En	gine Company,	Inc.	Engine Fam	11y <u>(353A) 5</u> 0	E661EJDARW
Displacement:		/ 10.8 L	iters		/ 661	Tubic Inches
Maximum Rated	Power:	370	н₽ @1800_	RPM Engi	ine Configur	ation: 1-6
Ignition: Co	mpression <u>X</u>	Compres	ssion with G	low Plug	Sp	ark
		Flex-Fuel				
	CNGL	NGLPG	Other (spe	ecify)		
Diesel Cert F	uel: 13 CCR	2282	40 CFR B6.13	313-90	40 CFR 8	5.1313-94 <u>x</u>
		Class: LHD			XUrb	
Exhaust ECS (include.MFI,	TC, CAC):	PCM (TC, OC) (use abbrevi	ations per	SAE J1930 SE	PGIN
	l	Fuel Rate	Fuel Pump	T	EGR	PTOX /
Engine Model (Eng Code)	Rated HP G RPM	@ Rated HP mm3 / stroke (lbs/hr)	£ _	ECM/PCM Part No.	Valve Part No.	Catalytic Converter Part No.
M11-370E (1056)	370 @ 1800	194 (118)	3084589	3064473	N/A	N/A
M11-350E (1856)	350 @ 1800	183 (111)	3084589	3084473	N/A	N/A
M11-330E (1856)	330 @ 1800	172 (105)	3084589	3084473	N/A	N/A
M11-335E (1856)	335 @ 1800	176 (107)	3084589	3084473	N/A	N/A
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